

ABSTRACT

[0059] An electro-active contact lens system and a method for making the electro-active contact lens system is disclosed. The system includes a contact lens, an electro-active element attached to the contact lens, a view detector attached to the contact lens and in electronic communication with the electro-active element, and a power source attached to the contact lens. In certain embodiments, the view detector may be a rangefinder which determines the distance of an object being viewed and these embodiments further include a means to stabilize the rangefinder between the opening of the eyelids when the electro-active contact lens system is worn by a wearer. The electro-active contact lens system provides electro-active vision correction of one or more focal lengths.